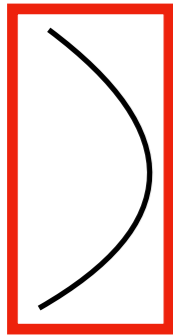
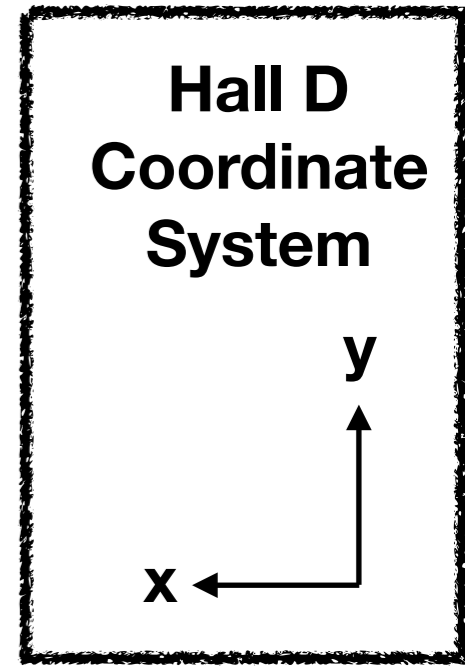
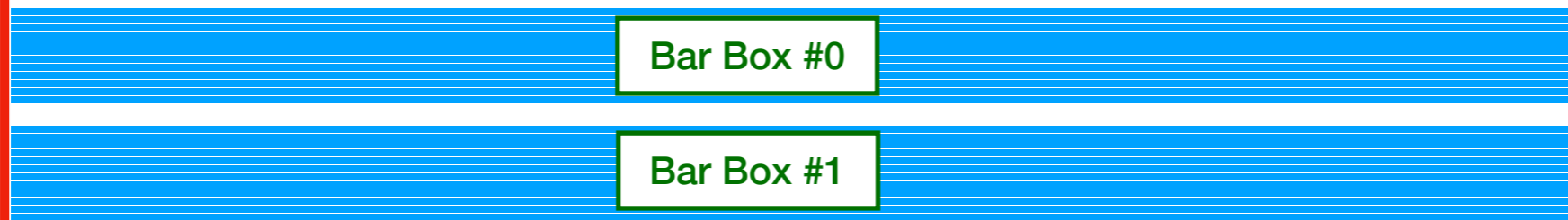


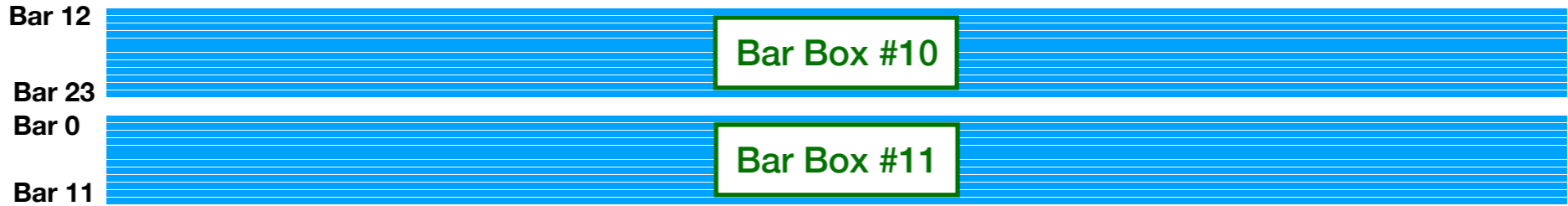
Bar Box, Bar and Optical Box numbering scheme



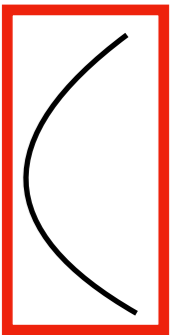
Optical Box 1:
North



Bar 48
Bar 36
Bar 35
Bar 24

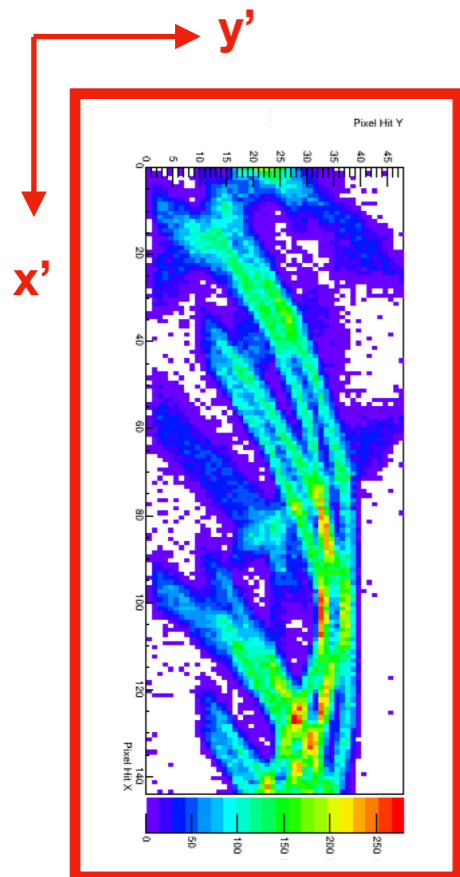


Bar 12
Bar 23
Bar 0
Bar 11

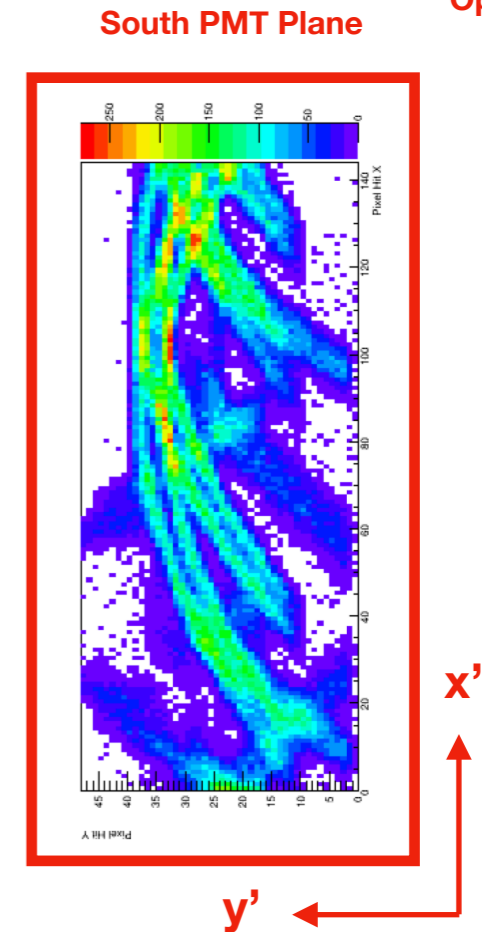


Optical Box 0:
South

View of hit patterns from outside the optical box looking downstream (ie. through the back of the PMT)



North PMT Plane



South PMT Plane

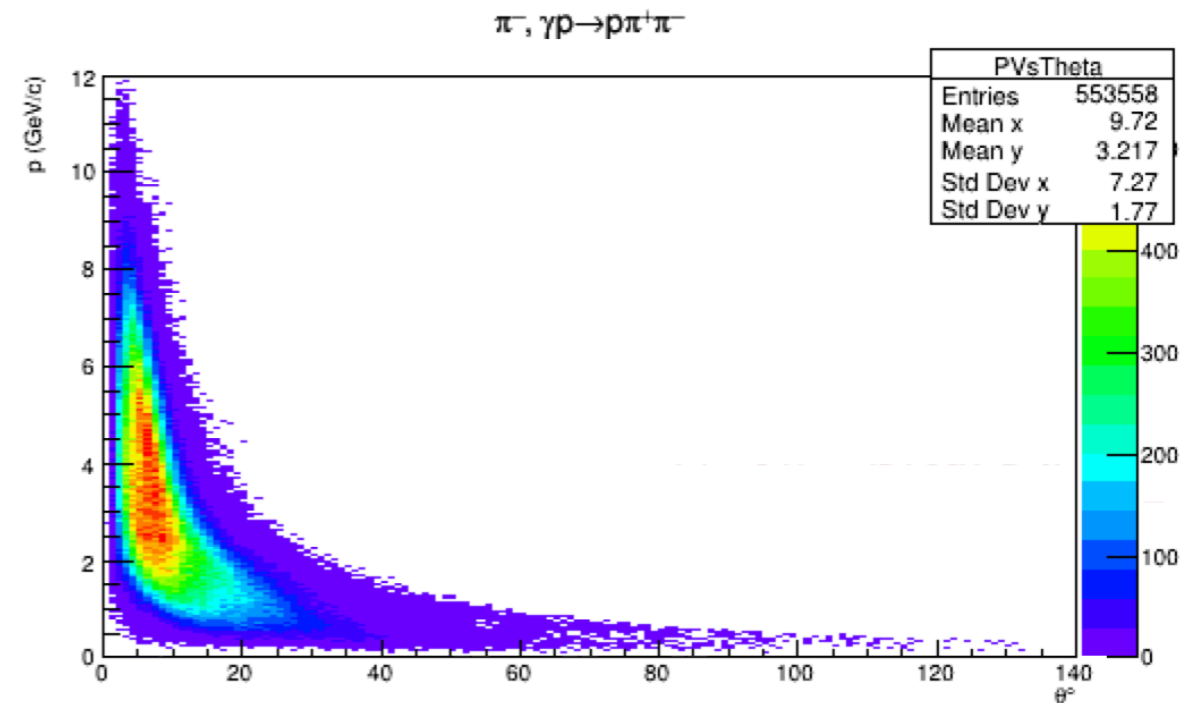
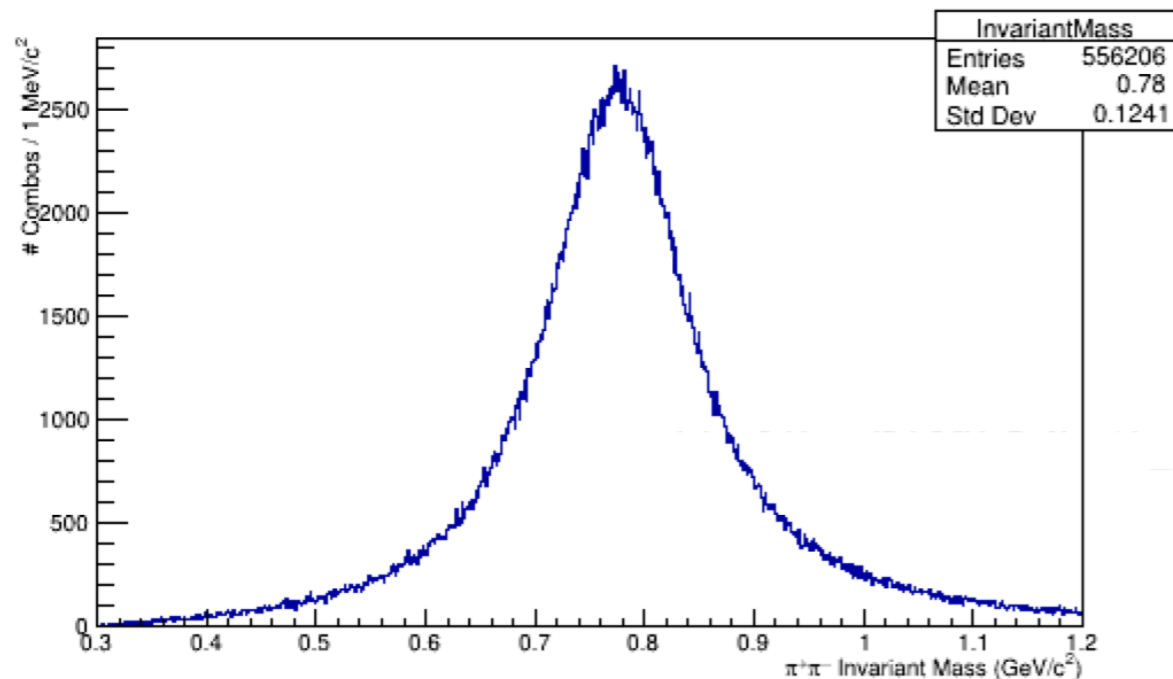
Commissioning MC samples

Eventually need inclusive sample of bggen

Start with $\gamma p \rightarrow \pi^+\pi^-p$ and K^+K^-p (ρ and ϕ production)

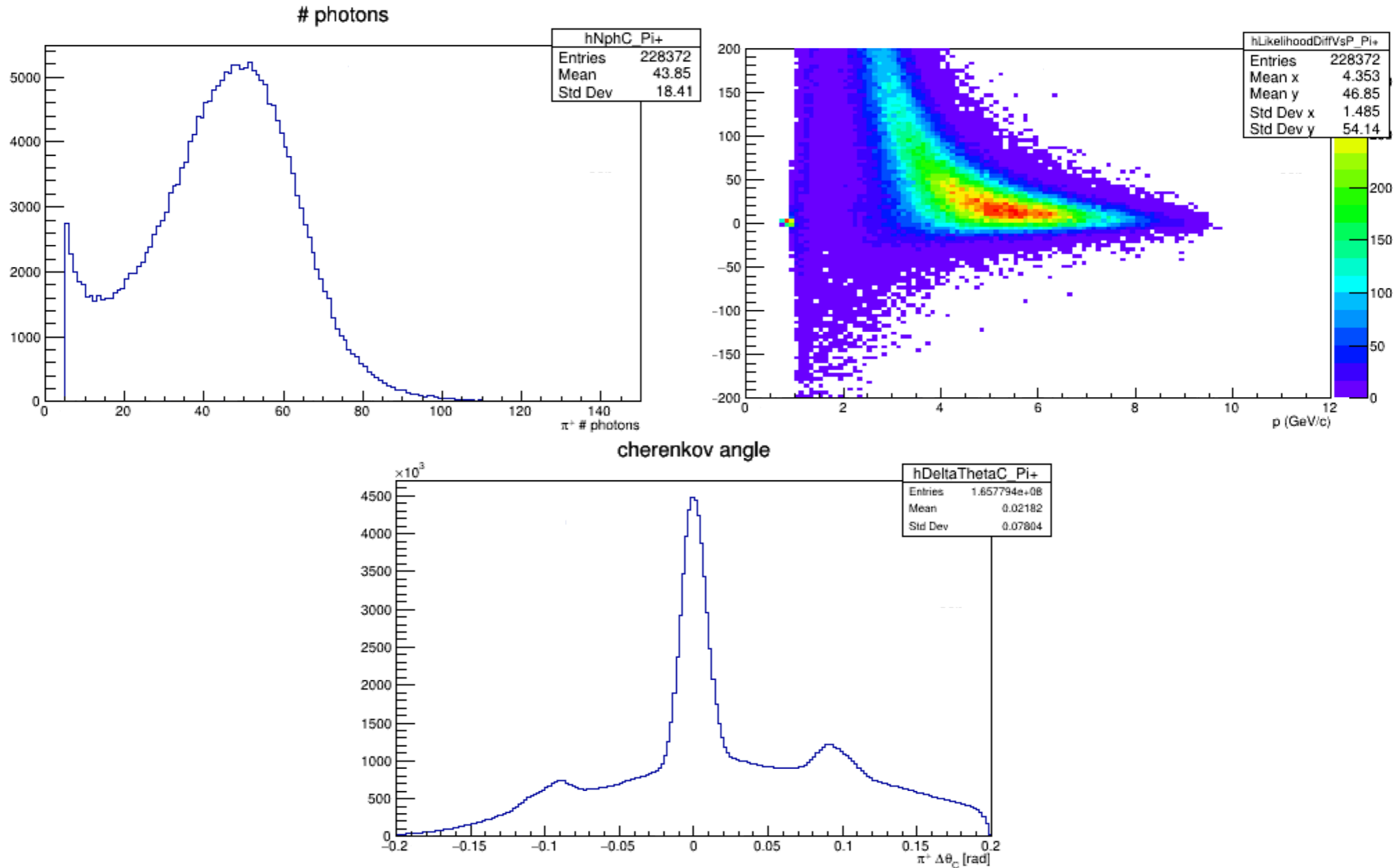
- ~5 ρ reconstructed / 1K triggers in nominal running
- Roughly ~1B trigger/shift
- So in a shift should have ~5 M ρ reconstructed (most with both π in DIRC)

These plots are a sub-sample of 500K reconstructed ρ 's



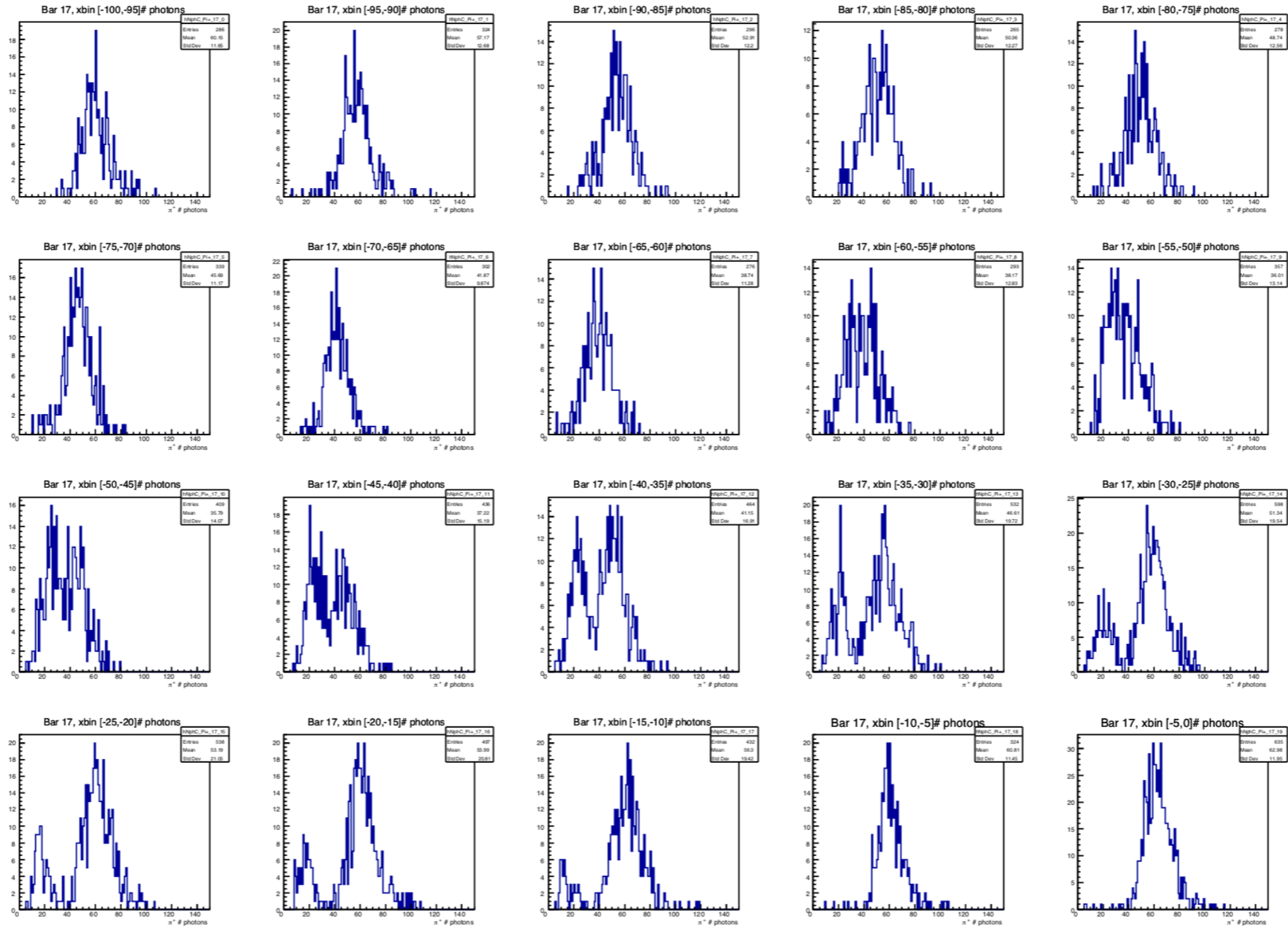
ρ commissioning MC

photons, θ_c , likelihood difference, etc. integrated over all events



ρ commissioning MC

Split bars into 5 cm bins along x, to study hit patterns and other “features”



ρ commissioning MC

Split bars into 5 cm bins along x, to study hit patterns and other “features”

